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Fig. 2

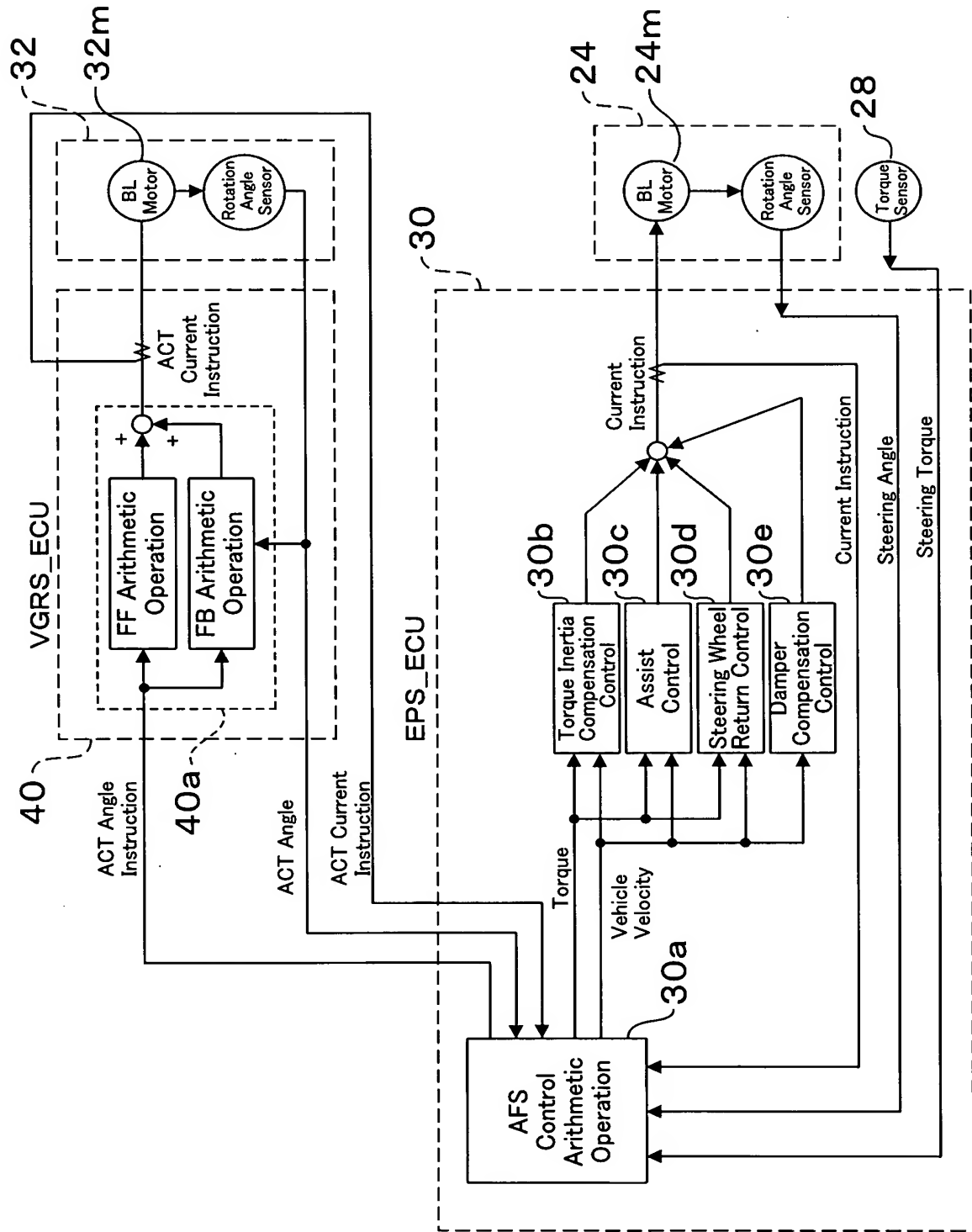
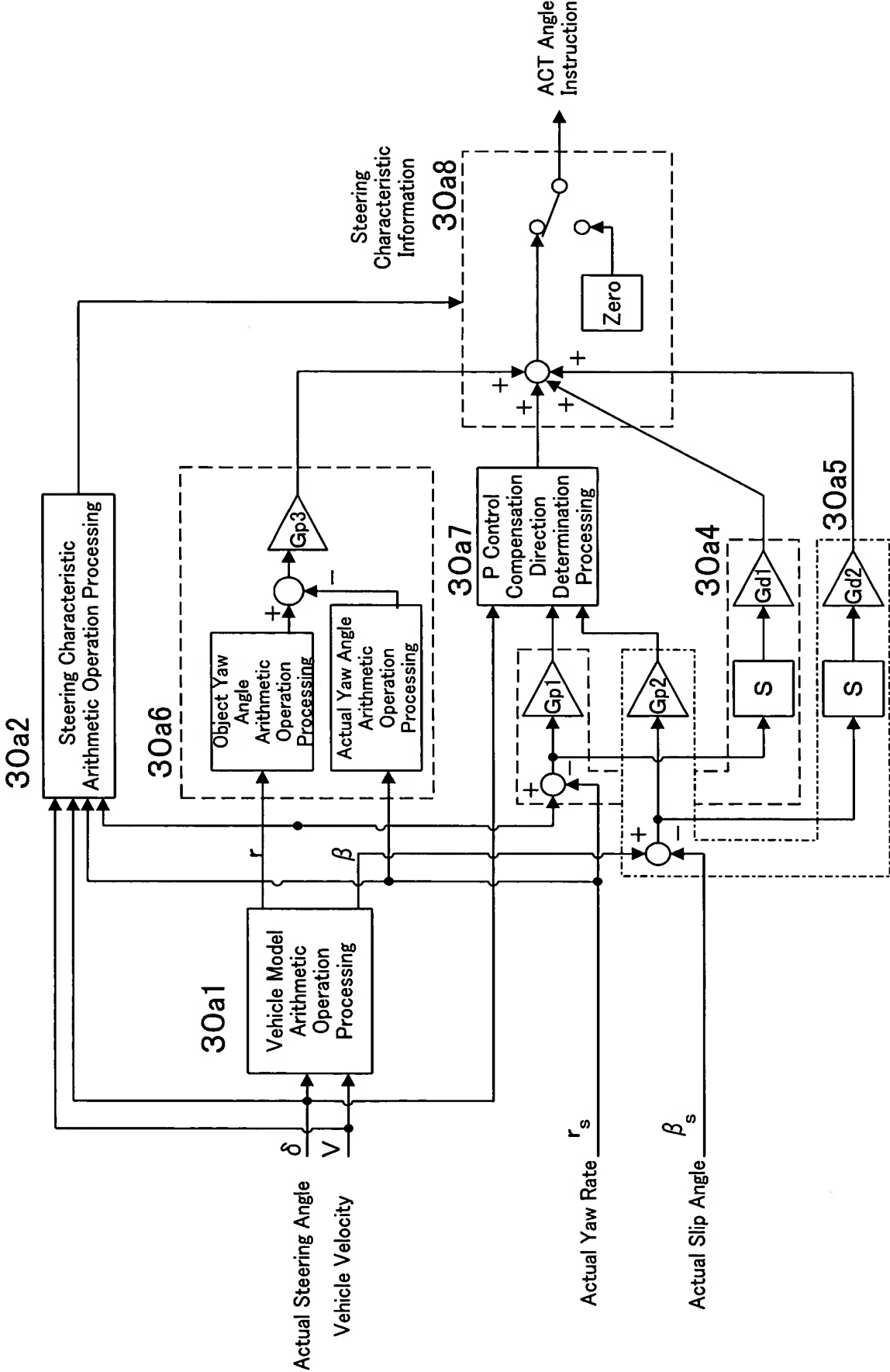
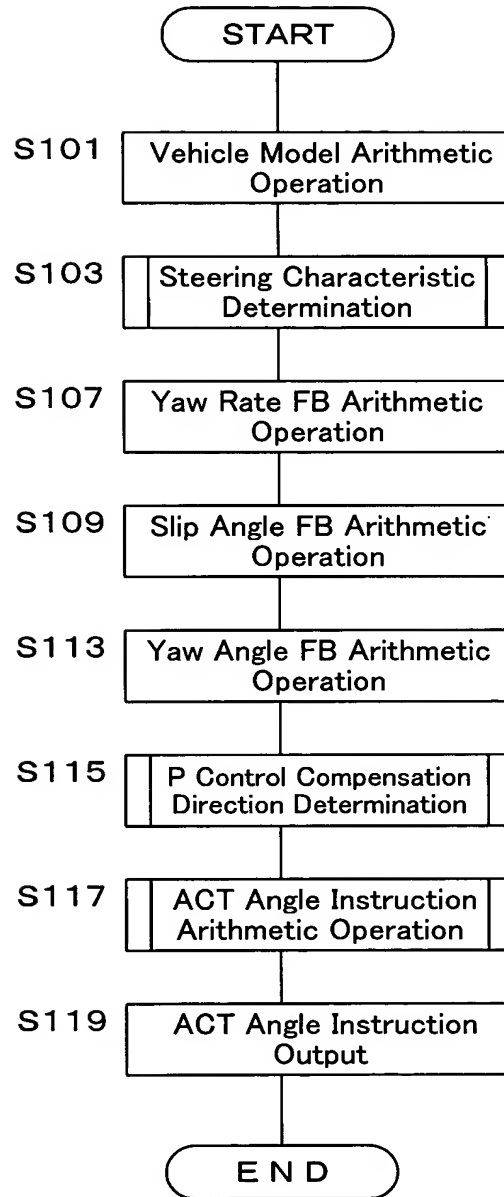


FIG. 3



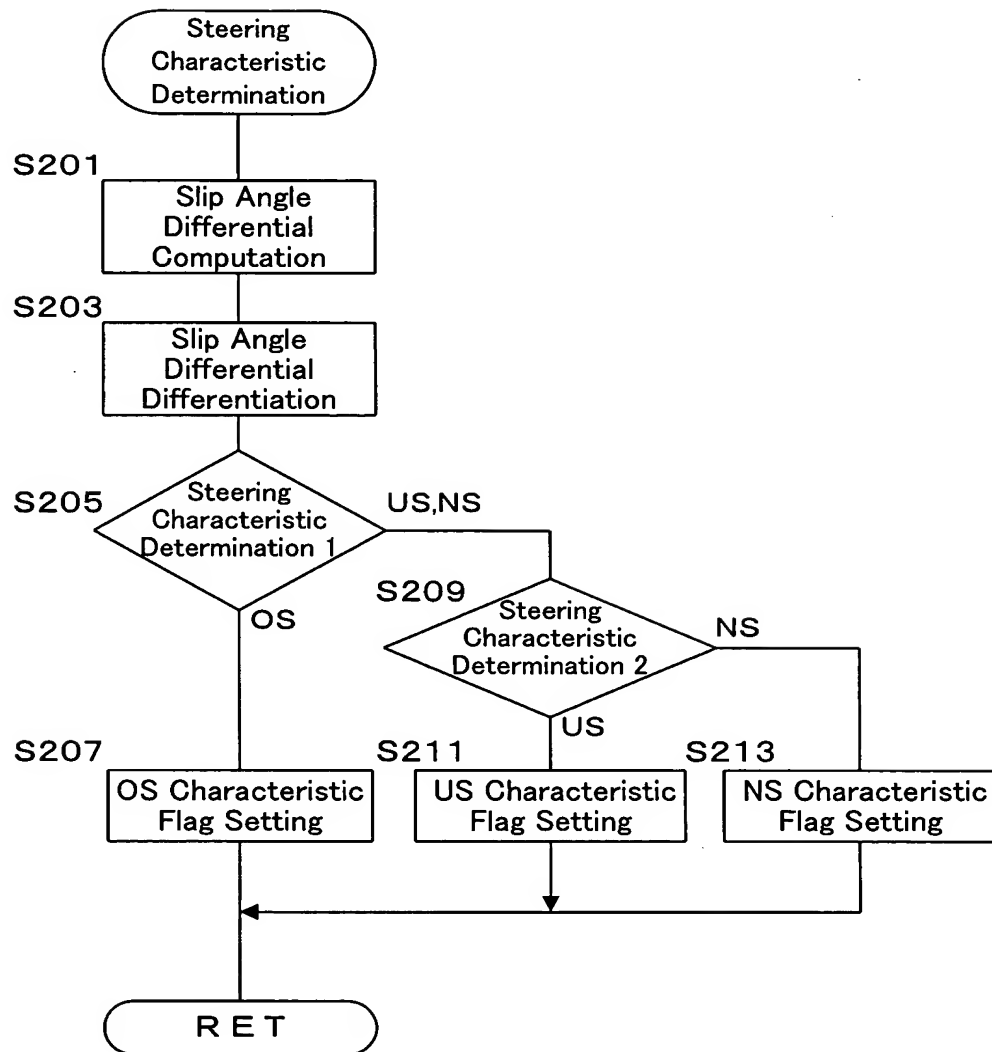
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FIG. 4



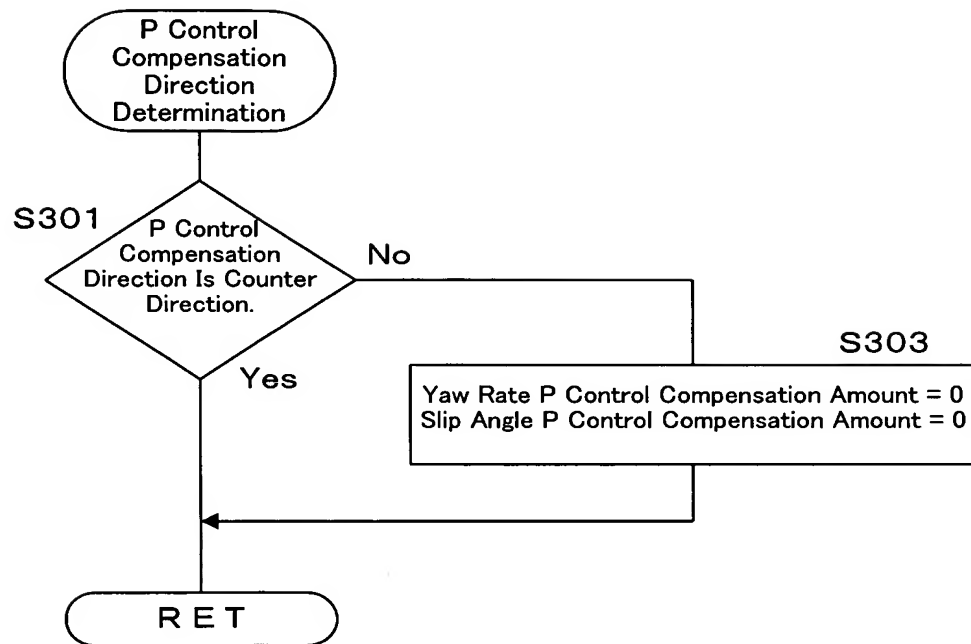
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FIG. 5

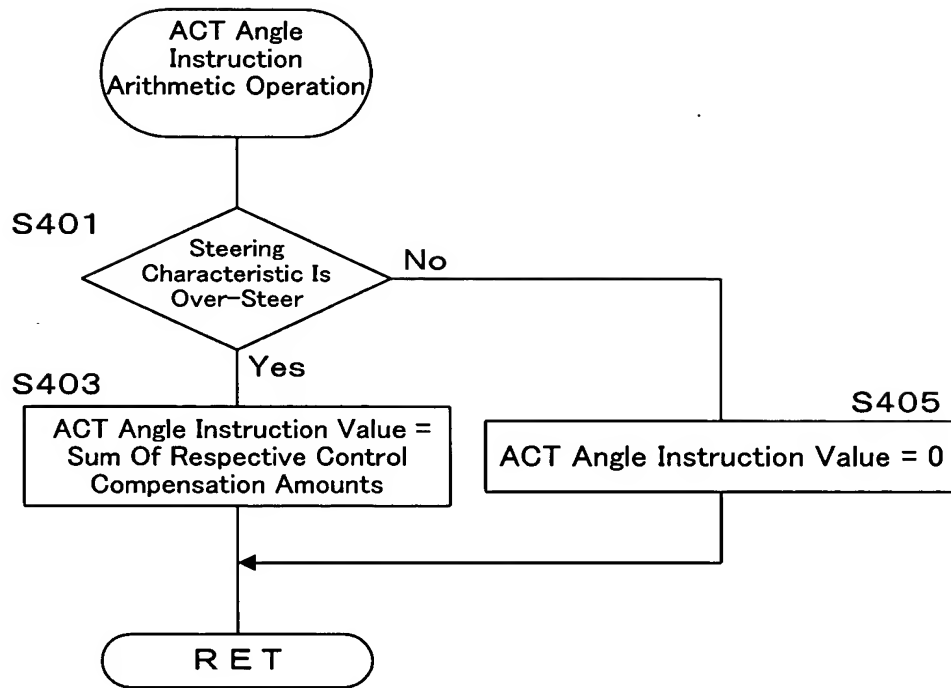


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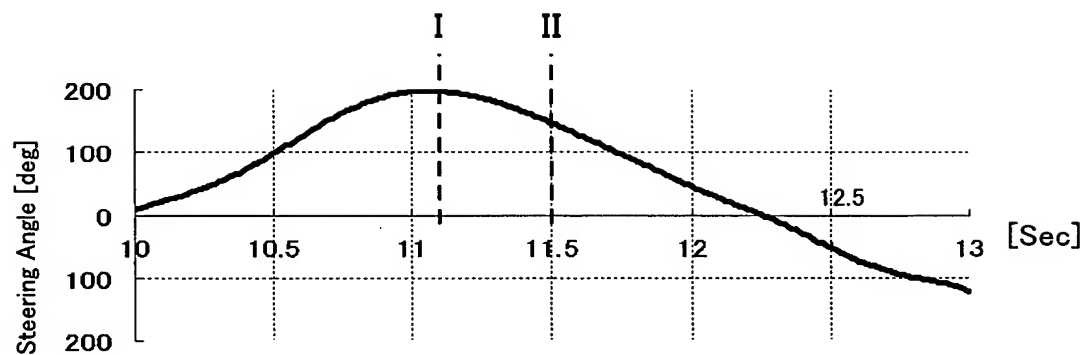
FIG. 6



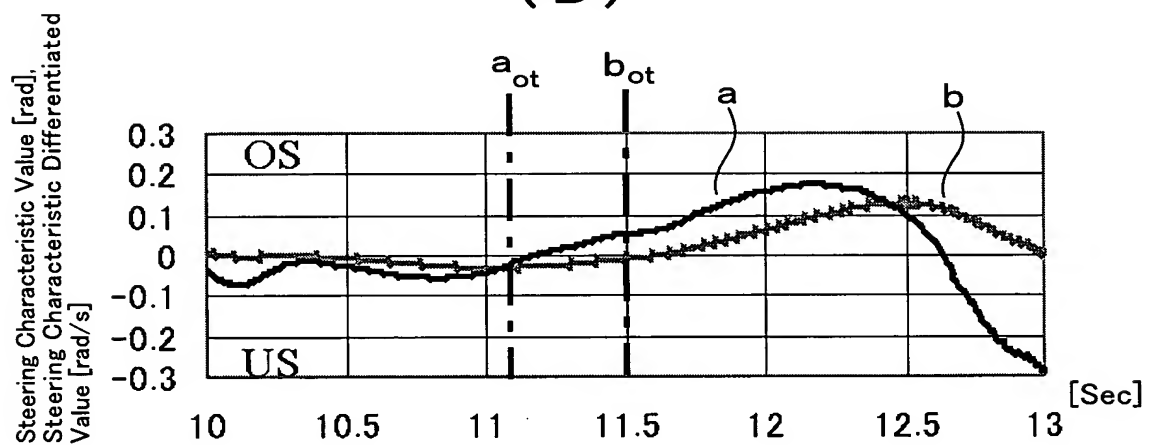
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FIG. 7



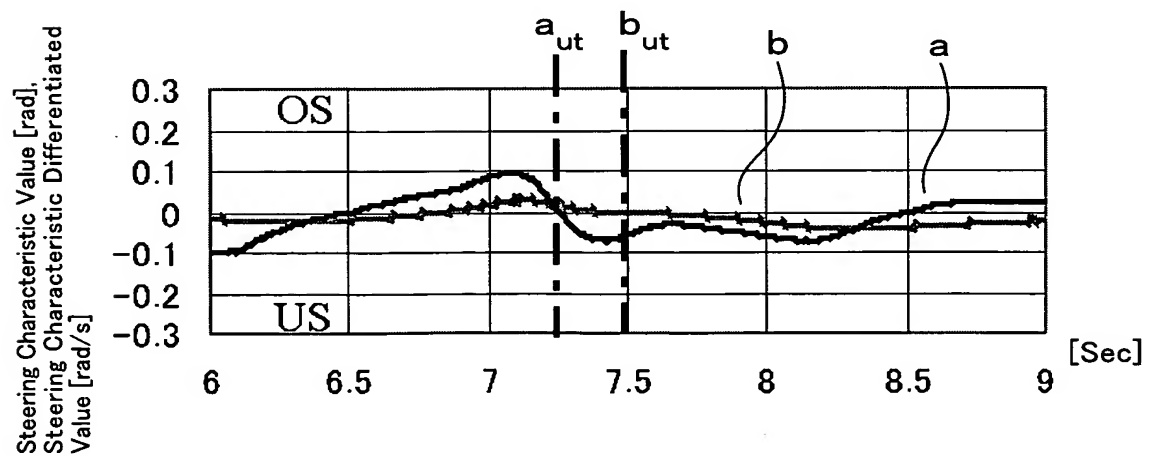
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FIG. 8
(A)



(B)

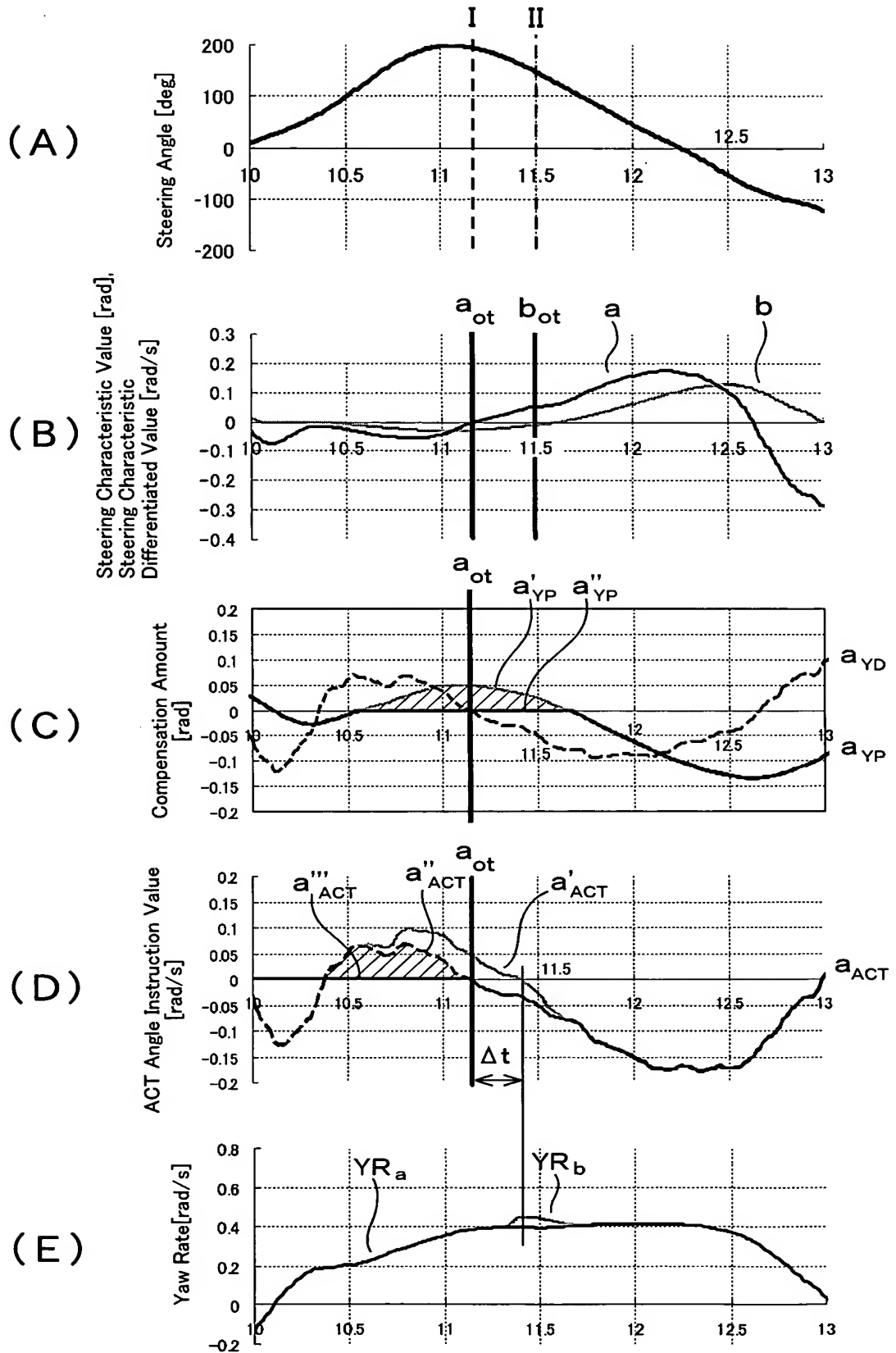


(C)



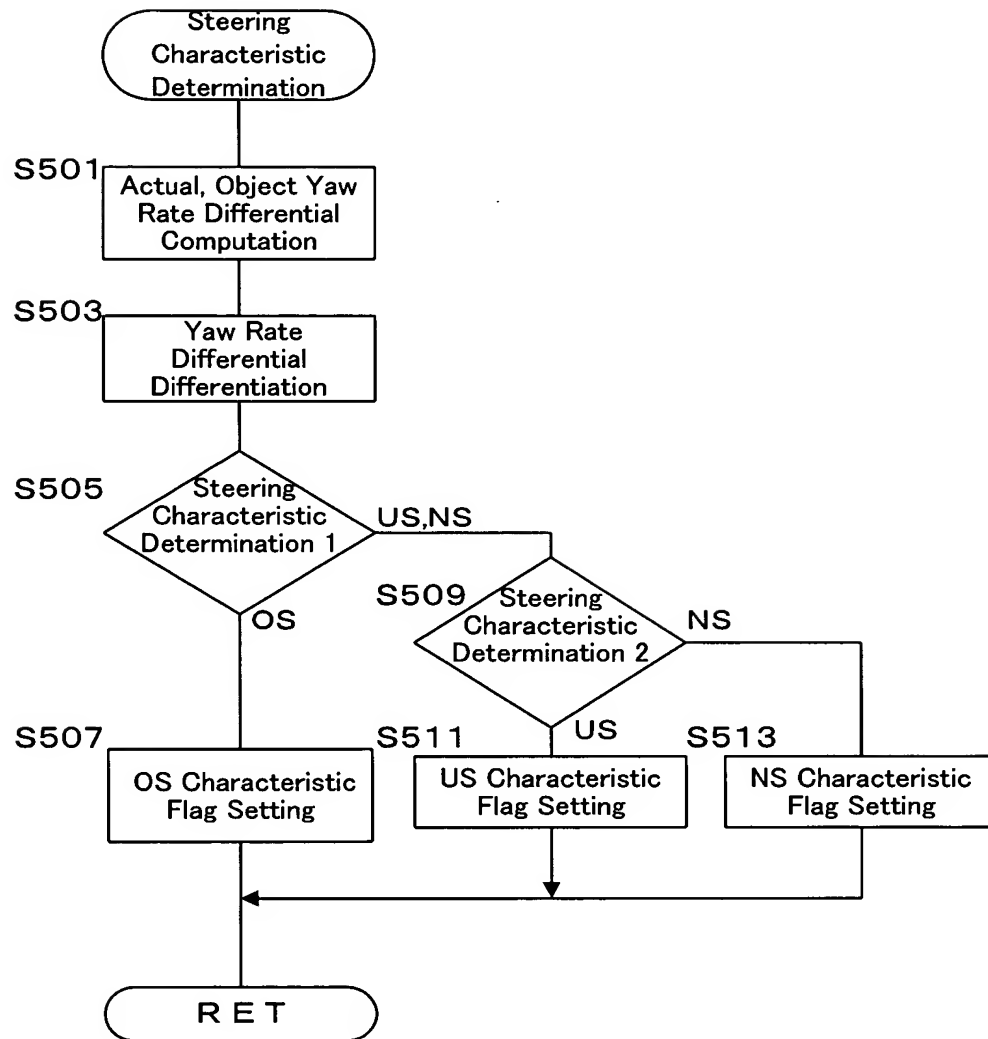
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Fig. 9



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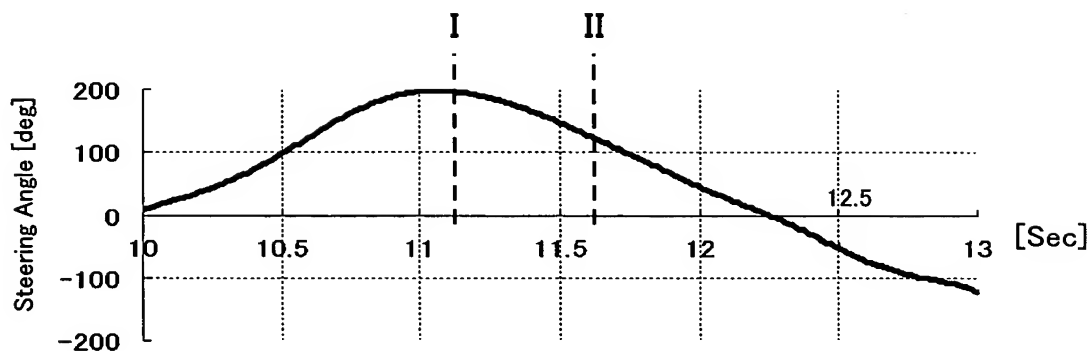
Fig. 10



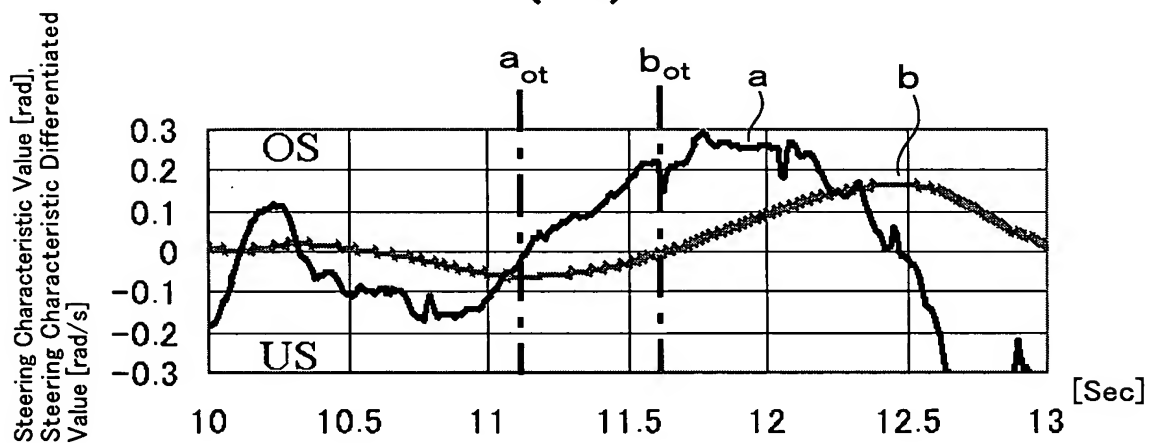
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FIG. 11

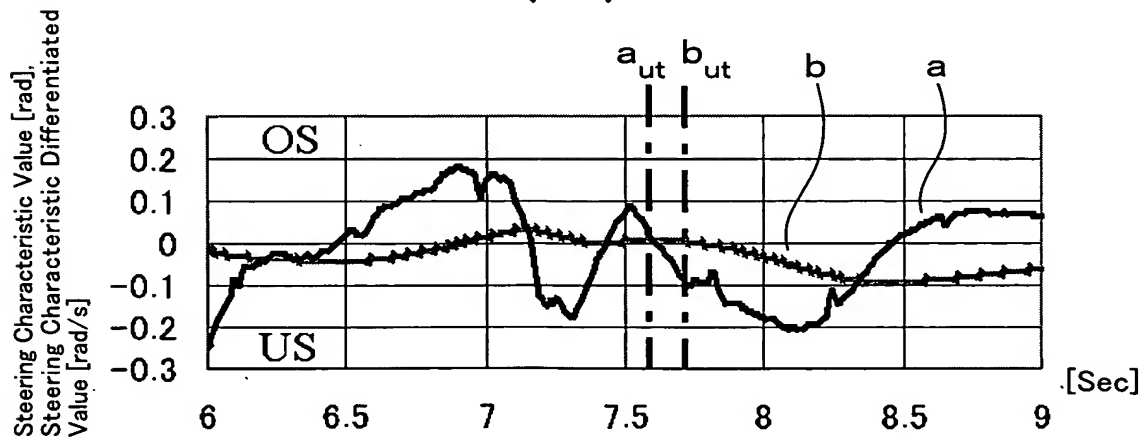
(A)



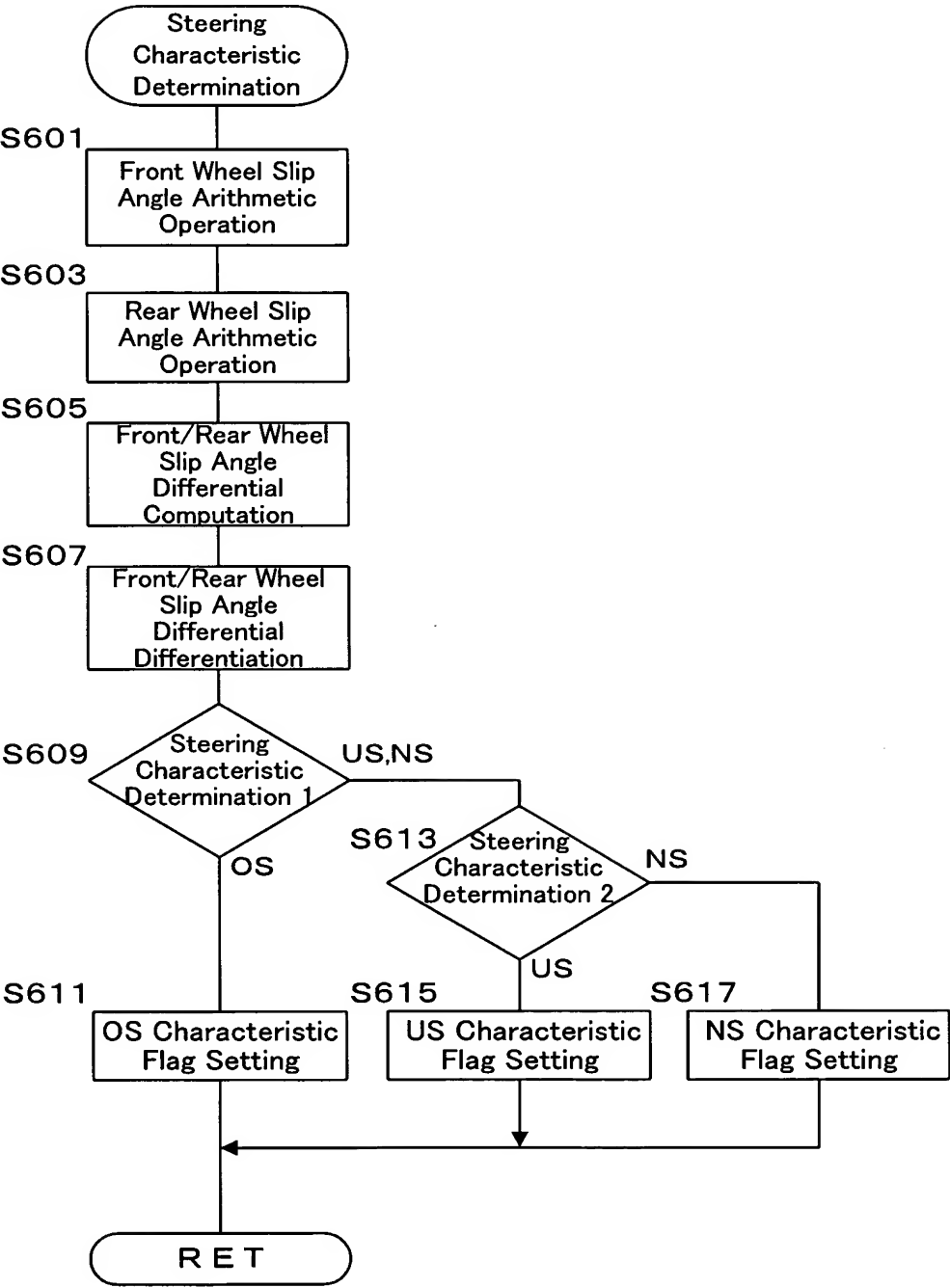
(B)



(C)

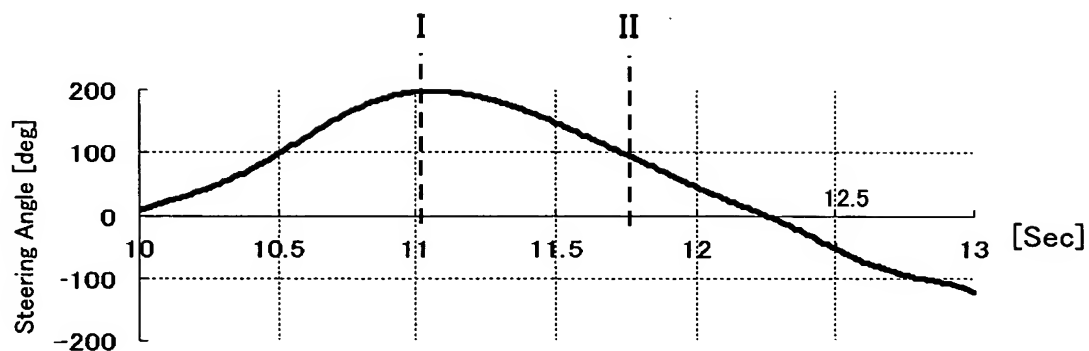


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FIG. 12

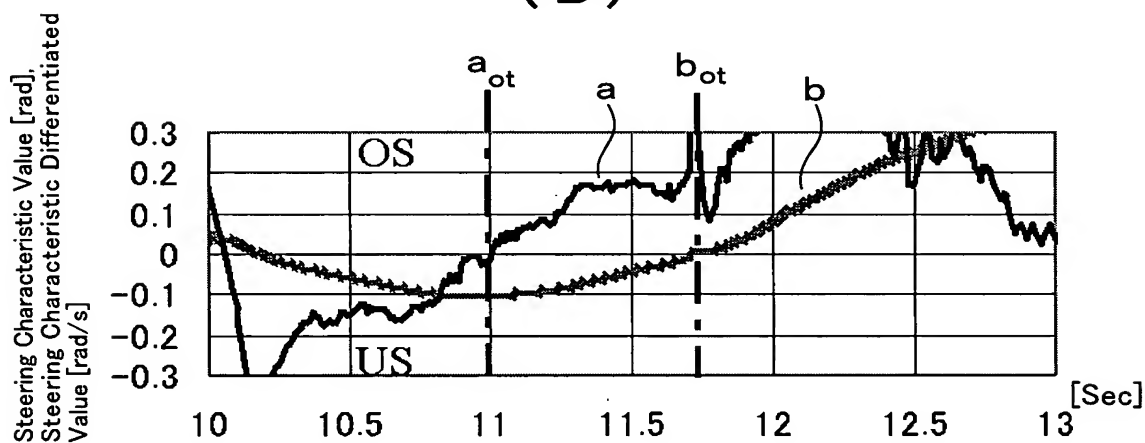


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FIG. 13

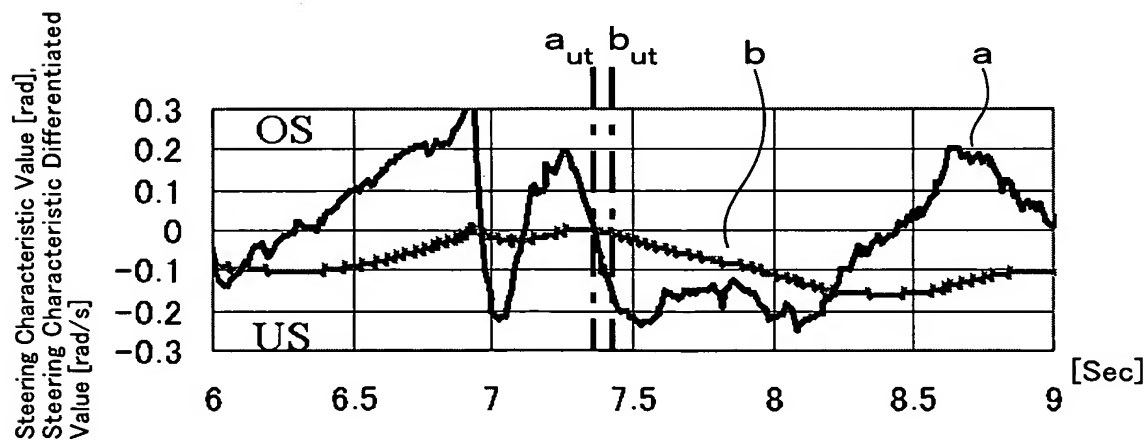
(A)



(B)



(C)



The diagram illustrates a vehicle control system architecture. At the top, a power source (likely a battery) provides input to a main control unit labeled "ECUgrp". This unit contains several sub-modules: "VGRS_ECU" (labeled 40), "EPS_ECU" (labeled 30), and "ITCC_ECU" (labeled 70). The "ECUgrp" also receives inputs from various sensors and actuators, including "FR" (Front Right wheel sensor/actuator), "BSa" (Brake/Suspension actuator), "WSa" (Wheel Speed Actuator), "AS" (Accelerator Sensor), "AP" (Accelerator Pedal), "BP" (Brake Pedal), "SBR" (Steering Brake Release), "FSV" (Fuel Valve Solenoid), "SS" (Shift Solenoid), "T" (Throttle Position Sensor), "S" (Speed Sensor), "F" (Fuel Pressure Sensor), "EG" (Engine Control Unit), "FI" (Fuel Injection System), "TH" (Throttle Motor), "FL" (Front Left wheel sensor/actuator), "BSb" (Brake/Suspension actuator), "WSb" (Wheel Speed Actuator), "PSa" (Power Steering Actuator), "PSb" (Power Steering Actuator), "RR" (Rear Right wheel sensor/actuator), "BSc" (Brake/Suspension actuator), "WSC" (Wheel Speed Controller), "DD" (Differential Drive), "DF" (Differential Function), "PSc" (Power Steering Controller), "WSc" (Wheel Speed Controller), "RL" (Rear Left wheel sensor/actuator), "BSc" (Brake/Suspension actuator), "PSc" (Power Steering Controller), and "WSc" (Wheel Speed Controller). The "ECUgrp" outputs signals to various components, including "FI" (Fuel Injection System), "TH" (Throttle Motor), "YR" (Yellow Light), "XG" (Green Light), and "YG" (Yellow/Green Light). A dashed box labeled "80" encloses the "VGRS_ECU", "EPS_ECU", and "ITCC_ECU" modules. A dashed box labeled "40" encloses the "VGRS_ECU" module. A dashed box labeled "30" encloses the "EPS_ECU" module. A dashed box labeled "70" encloses the "ITCC_ECU" module. A dashed box labeled "21" encloses the "FSV" and "SS" modules. A dashed box labeled "26" encloses the "FSV" module. A dashed box labeled "28" encloses the "T" and "S" modules. A dashed box labeled "24" encloses the "T" and "S" modules. A dashed box labeled "25" encloses the "EG" and "FI" modules. A dashed box labeled "29" encloses the "TH" and "FI" modules.

